

December 2007 Storm

WSDOT Response

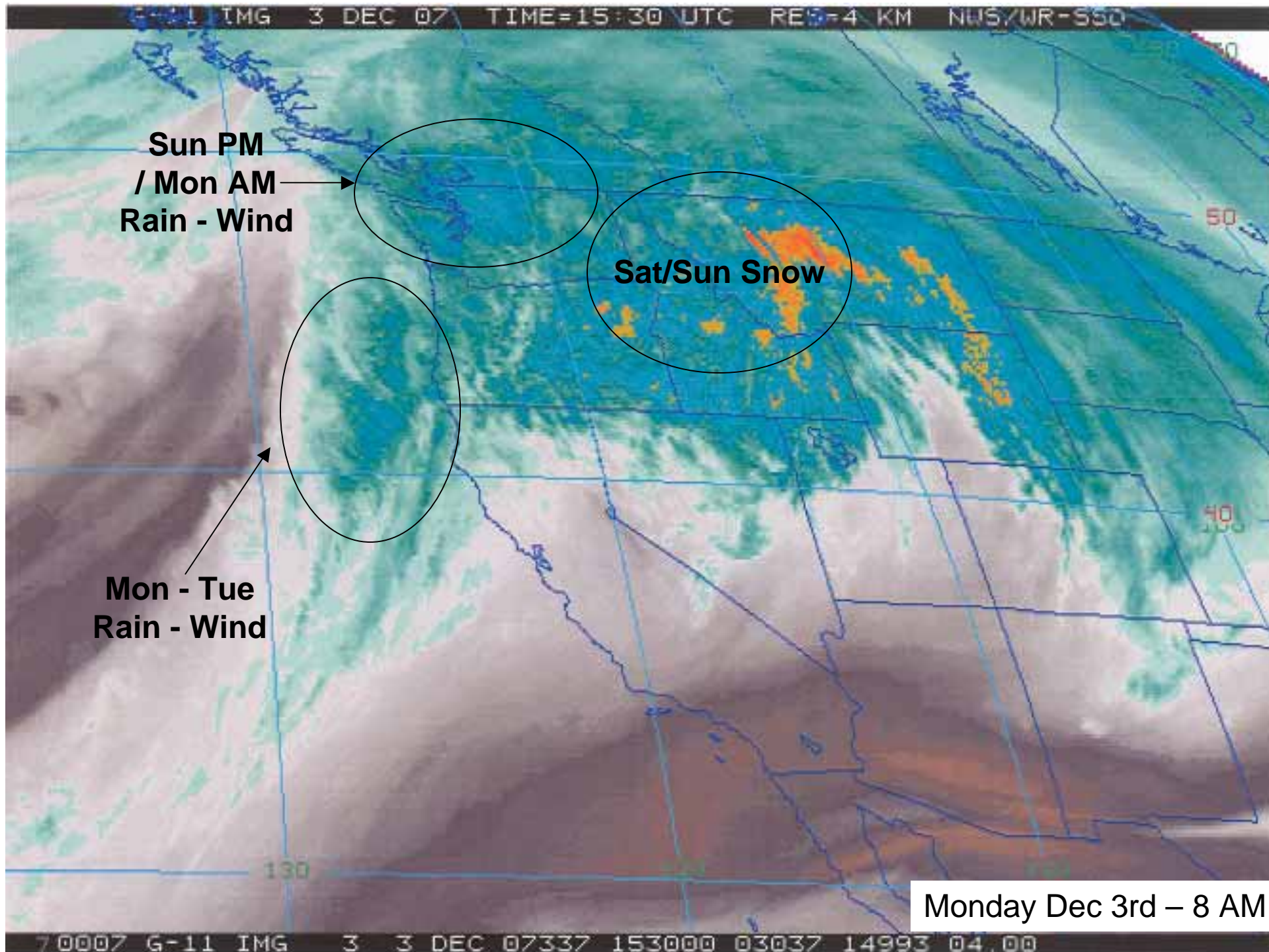
Chris Christopher
State Maintenance Engineer

Paula Hammond
Secretary of Transportation

Steve Reinmuth
Chief of Staff

Washington Transportation Commission
December 12, 2007



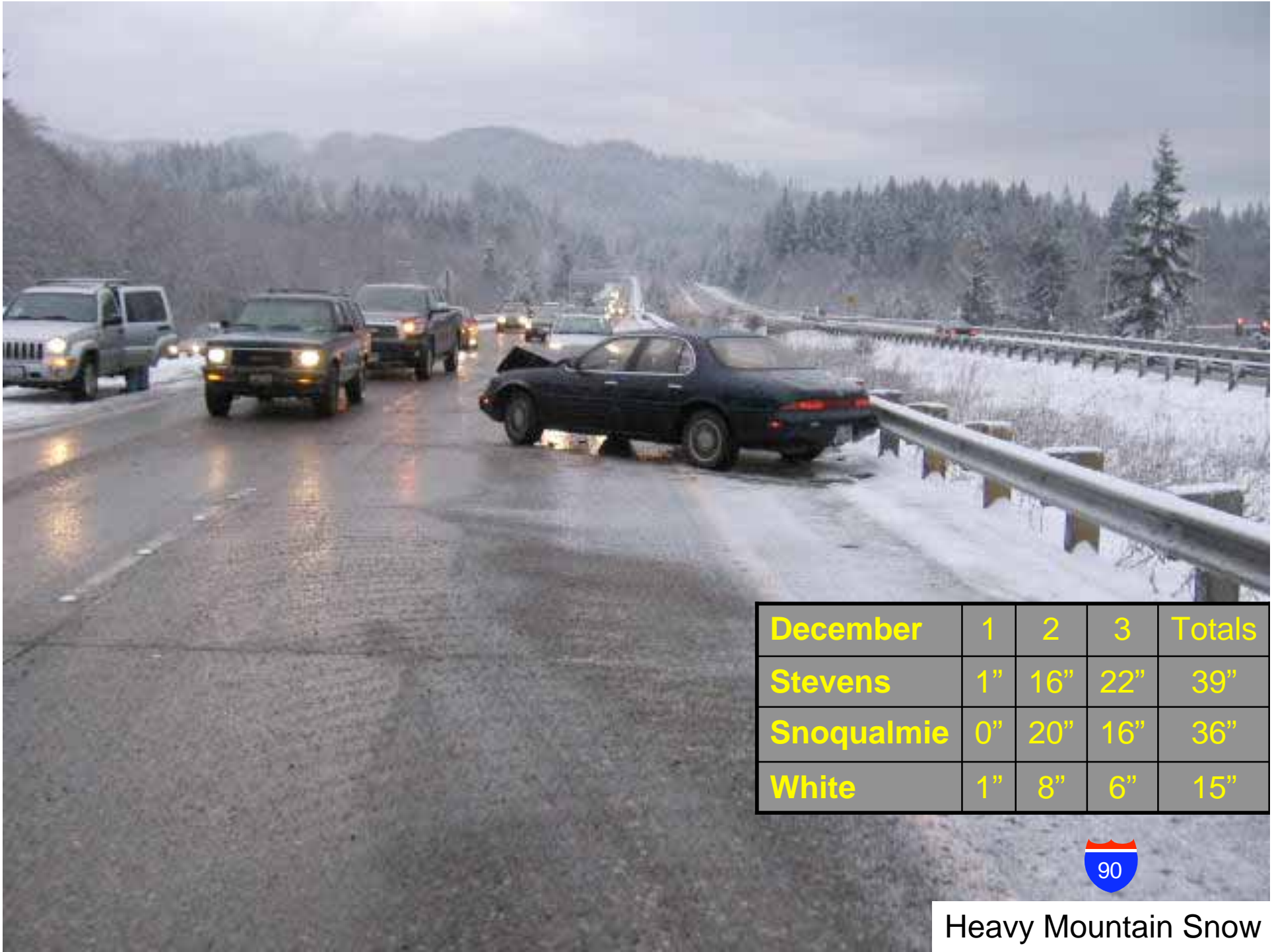




12/2/2007 2:19:32 PM



Whatcom Co



December	1	2	3	Totals
Stevens	1"	16"	22"	39"
Snoqualmie	0"	20"	16"	36"
White	1"	8"	6"	15"



Heavy Mountain Snow



Snoqualmie Pass



Snoqualmie Pass



Tumwater Canyon - West of Leavenworth



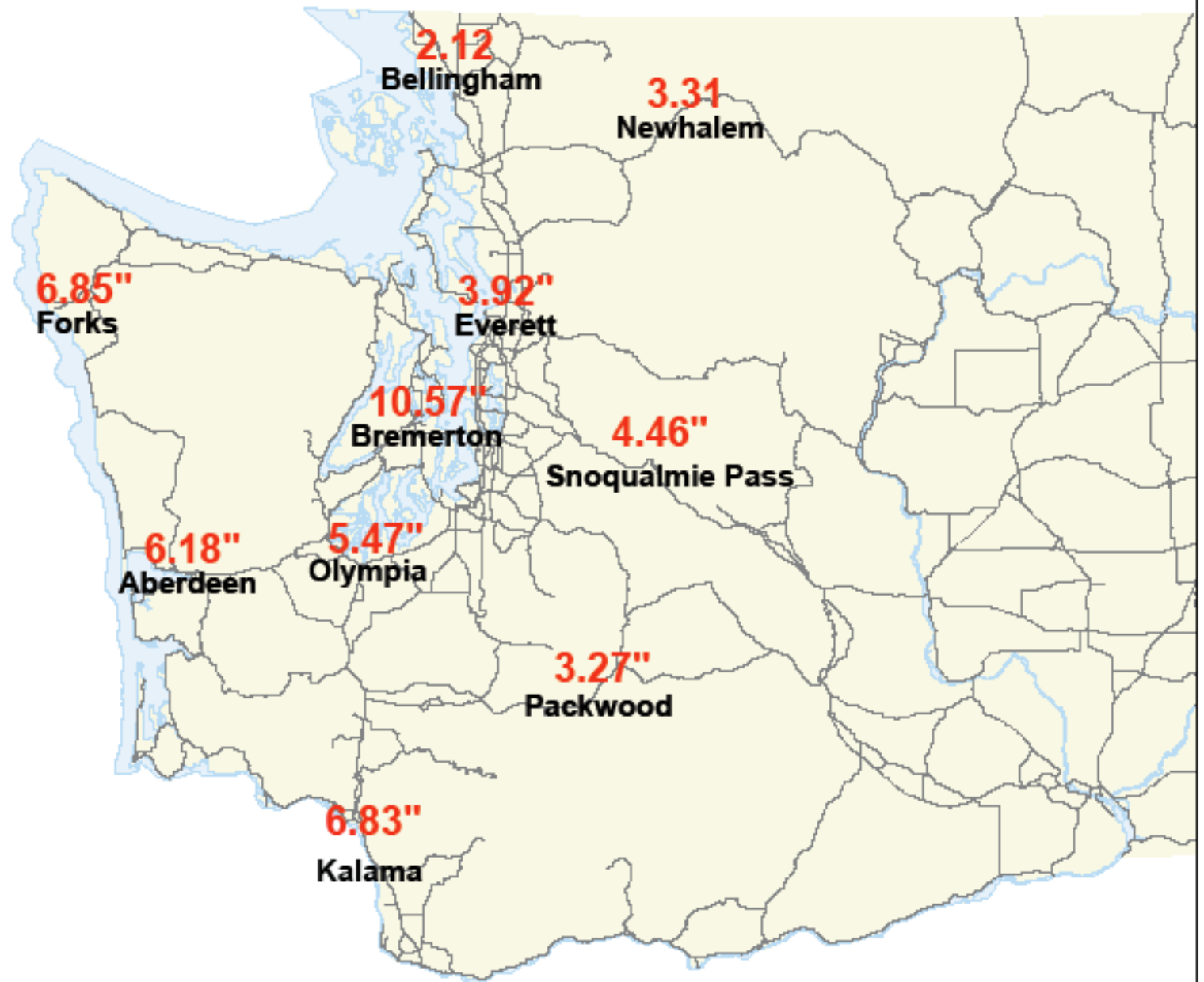
Near SR 8 Grays Harbor County

- Winds exceeded 120 MPH on coast
- Sustained winds in Aberdeen at 88 MPH
- Hurricane Winds

Level 1	74-95 mph
Level 2	96-110 mph
Level 3	111-130 mph
Level 4	131-155 mph
Level 5	156+ mph



Central Park near Aberdeen



Rainfall Totals
Dec 2-4

Wind & Rain Storm Dec. 1st - 7 2007





West Olympia



West Olympia





SR 8 to US 101 near Olympia



MP 224 - Crescent Lake



West of Pe Ell - MP 27.0



West of Pe Ell - MP 24.0



Lewis County



Lewis County



MP 21.9



MP 21.9



MP 20.6







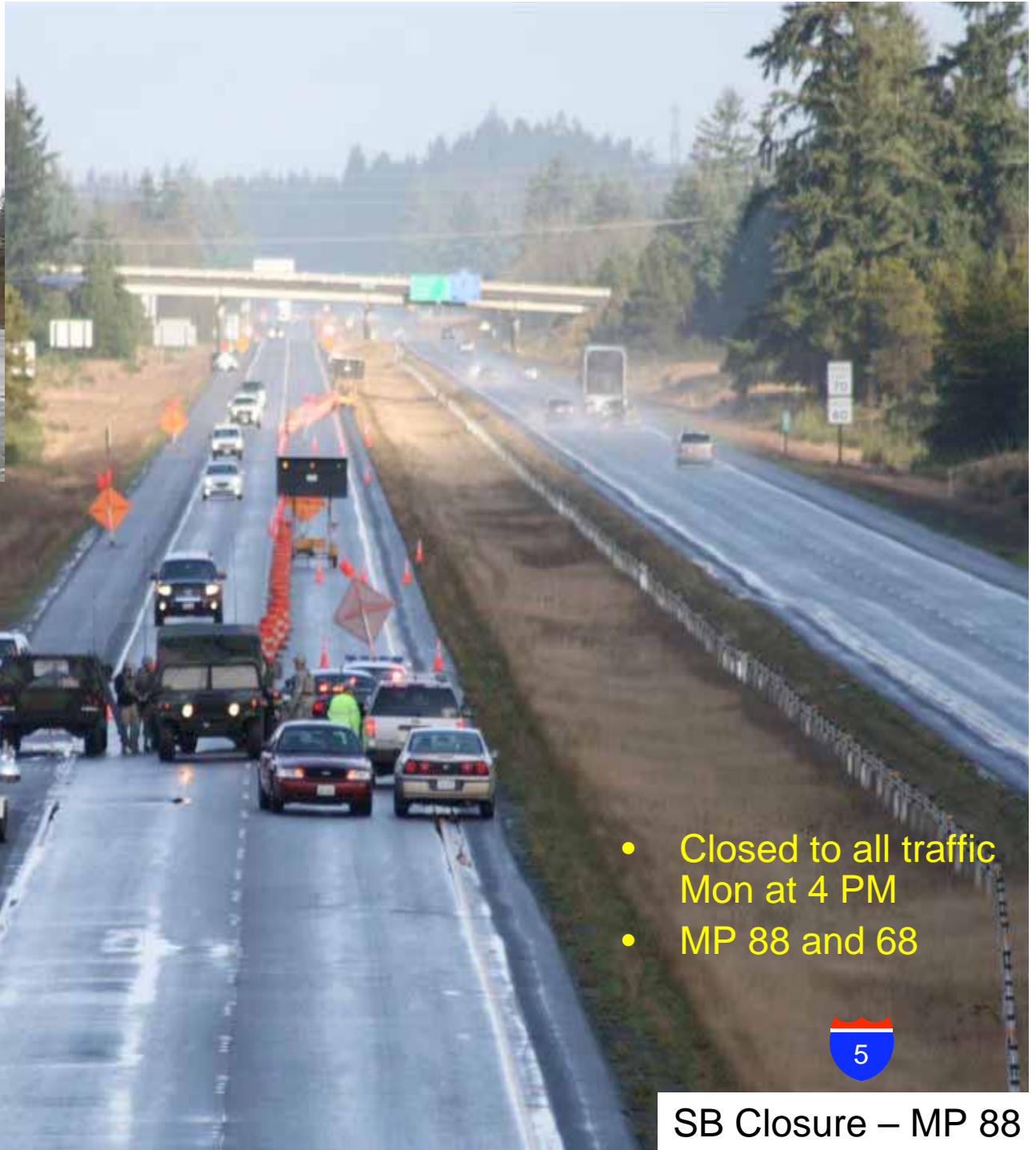
Grand Mound Area



Seattle Hill Rd



Skokomish River MP 339




- Closed to all traffic Mon at 4 PM
- MP 88 and 68



SB Closure – MP 88





3 4:35 P 





Exit 79 – Chamber Way



Exit 77 – SR 6



Centralia – Looking South



Exit 76 – 13th Street





Lewis County



Water Plow



4 4:45 5

MP 78 – West St.



4 4:47 PM 

MP 78 - West St.



Near Exit 77 to SR 6 - Jersey Barriers Moved



4 4:48 PM



MP 79



MP 79



Interstate Reopens – 6 PM Thu
“Trucks Only”

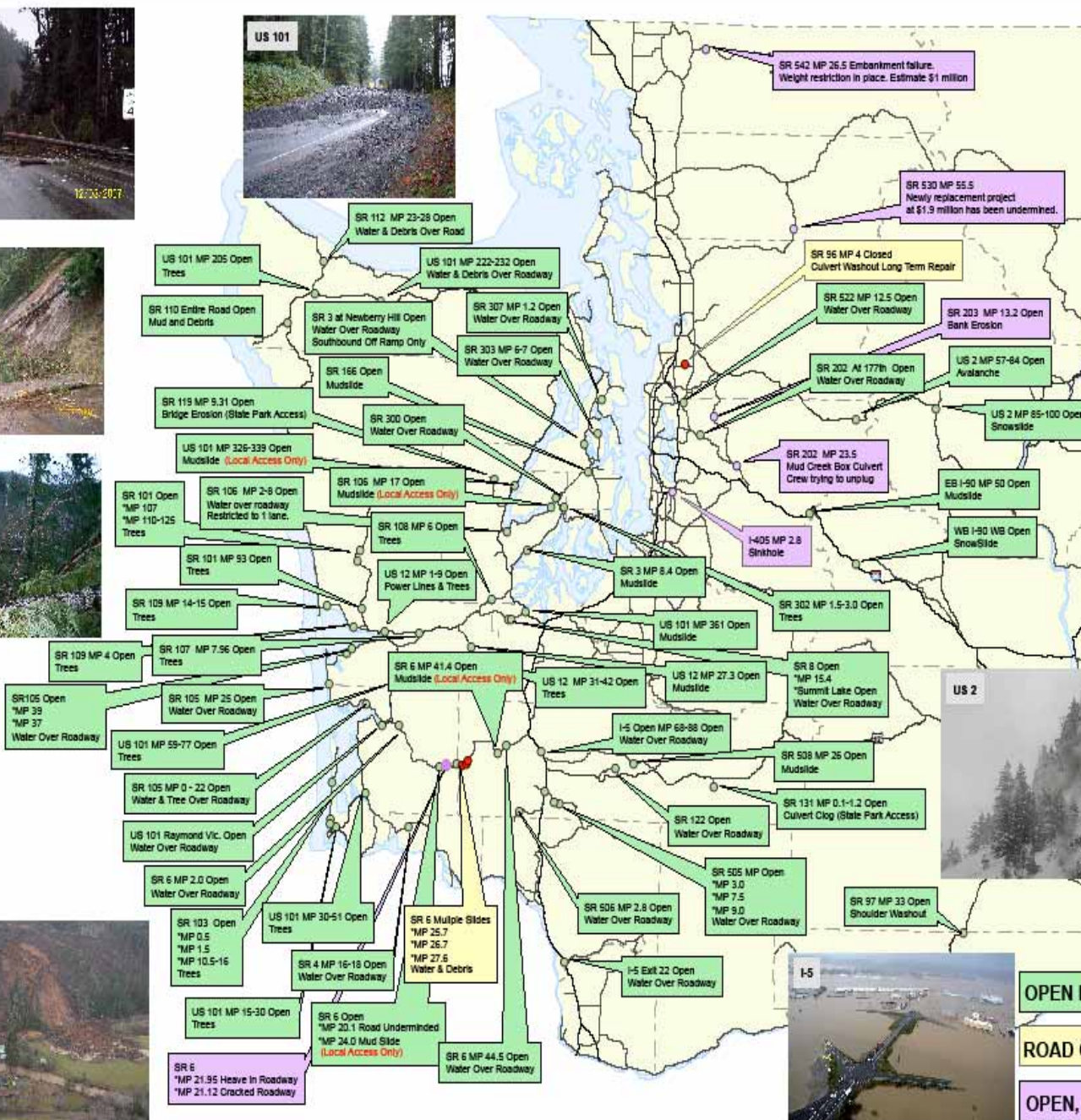


I-5

Opened to all traffic
at 11:50 AM Friday

Backups Cleared in
a couple hours

Wind & Rain Storm Dec. 1st - 10th 2007



Starting on Saturday December 1st., an intense storm brought heavy Cascade Mountain snowfall, Puget Sound snow, extreme winds, and region wide rain and floods. Mountain snow fall was in excess of three feet. WSDOT Crews fought to keep drivers safe and highways open while the storm raged.

The rain, combined with a melting snow pack, left I-5 in the Chehalis area of Lewis County under nearly ten feet of water. Commute traffic in urban areas gridlocked as water overwhelmed drainage systems and pooled on roadways. Trees, land slides and downed power lines also blocked many roads. Aberdeen, Raymond and other coastal and Olympic Peninsula communities were isolated due to highway closures.

24 hour Rainfall amounts include:
Wynoochee Dam: 8.8 inches,
Bremerton: 11.11 inches,
Seattle: 4.11 inches,
Frances: 9.20.

- Coastal winds gusted between 80-120 mph (hurricane force) with sustained winds 40-50 mph on the South Washington and Northern Oregon coast.

WSDOT roadway impacts are as follows:

- Open = 61
- Closed = 4
- Open, Significant Roadside Damage = 7

Water Over Roadway = 27
Snowslide or Avalanche = 3
Mudslide = 13
Trees = 17
Other = 12
Total = 72

OPEN ROADS AS OF 12:00 PM DEC. 10TH (61)

ROAD CLOSURES AS OF 12:00 PM DEC. 10TH (4)

OPEN, SIGNIFICANT ROADSIDE DAMAGE (7)

Damage Estimates

As of 12/12/07

WSDOT Routes:	\$18 M
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City/County Routes (Fed Aid Eligible):	<u>\$32 M</u>
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(Does not include Lewis or Grays Harbor Co. yet)_

Total:	\$50 M
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The \$50 M estimate may change